Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 25 Sep 2023 until 23:59 on Tuesday 26 Sep 2023

Forecast Issued on Sunday 24 Sep 2023 at 15:25

Confidence: High for general theme but lower for shower detail and for wind strength on Wednesday.

Headline for Monday 25 Sep 2023: Mostly dry with bright periods.

Mountain weather hazards on Monday 25 Sep 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
40%	20%	20%	40%	30%	20%	10%	<05%

Forecast for Monday 25 Sep 2023

Weather: Low cloud and light rain at first soon lifting and tending to break as the morning progresses, allowing increasing sunny spells and occasional showers. Any showers fading by late afternoon, becoming dry with clear spells to end the day.

Chance of cloud-free hill tops above 600m: 20% becoming 80%

Low Cloud and visibility: Cloud bases down to 200-300m at first, lifting above the summits by mid-morning. Visibility will be very poor in rain and low cloud at first, improving to become very good, and only briefly deteriorating in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 25 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/37 SW	26/37 SW	23/33 SW	26/38 SW	25/37 SW	24/34 SW	16/24 SW	13/22 S	11/19 S
300	16/35 SW	17/35 SW	14/32 SW	17/33 SW	18/35 SW	16/32 SW	8/20 SW	5/15 S	5/14 S
Valley	14/33 SW	13/29 SW	11/28 SW	14/30 SW	17/35 SW	15/29 SW	7/21 SW	5/18 S	6/15 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/7	11/7	10/6	11/7	12/8	12/8	11/8	10/7	9/6
300	14/11	13/10	12/9	13/10	15/12	15/12	13/11	10/10	9/8
Valley	15/12	14/12	13/11	15/12	16/13	16/14	14/13	12/11	11/10
Freezing Level*	2300m	1800m	2100m	2100m	1900m	1900m	1900m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds over peaks and ridges likely blustery at time, with some wind-chill. Note the potential for hazardous weather on Wednesday.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 23 Sep 2023	7.6mm	8.8mm	13.8mm

Forecast for Tuesday 26 Sep 2023

Weather: After a clear night cloud will thicken through the morning with rain arriving before midday. Rain should clear through by late afternoon with a fine evening. Becoming windy through the morning before easing later.

Maximum wind: Southerly 20-25 gust 35mph

Chance of cloud-free hill tops above 600m: 90% lowering to 30% in rain then improving again to 90%

Low Cloud and visibility: Very good visibility and well broken cloud above 500 metres for much of the day, however overcast layers around 200-400 metres likely with poor visibility in heavy rain through the afternoon.

Temperature: **Valleys:** Ps 7 becoming Ps 18 Celsius
At 600m: Ps 10 Celsius
Freezing level: Well above summits

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